

# Dynamic Surgical Navigation for Precise Placement of Dental Implants: A Practical Course Including Live Surgical Observations.

**Instructor: Dr. George Mandelaris DDS MS (Master Clinical Trainer)**

Dynamic Surgical navigation technology is the next leap forward in the field of computer guided implantology and is similar to that used by neurosurgeons to target brain tumors. Dynamic navigation technology is the only modality to allow for real time verification and validation of positional accuracy. This opportunity is an over-the-shoulder interactive course in a working clinical atmosphere. Participants will also learn to treatment plan and drill on models using dynamic surgical navigation

**Time:** 8:00am - 4:00pm CST

**Date:** December 5, 2019 (day before the AAOMS Implant Symposium in Chicago)

**Location:** Periodontal Medicine and Surgical Specialists, Oakbrook Terrace Medical Center. 15224 Summit Avenue, Suite 205 Oakbrook Terrace IL 60181

**\*\*An AAAHC accredited office based surgery center facility\*\***

**Tuition:** \$500.00 per doctor (includes one assistant at no extra charge)

Space is limited to 5 surgeons 6CEUs

**To register:** [Kemisha@claronav.com](mailto:Kemisha@claronav.com)

Assistants attending the course will spend the afternoon with the surgeons main DSN assistant to learn and practice the role of the assistant in surgical navigation procedures.



## Topics to be covered:

1. Fiducial less registration, intraoral registration
2. Treatment planning cases with the patients diagnostic CT scan
3. How to calibrate any dental instrument
4. Understanding how to position the patient so the motion tracker is highly operational
5. Planning correctly and prosthetically directed
6. Understanding accuracy checks to confirm things are in order prior to Osteotomy site preparation and implant placement
7. Live surgery, patient selection criteria
8. Understanding Evalunav to critically re-assess outcomes
9. How to differentiate yourself through the technology and better serve your patients

## Learning Objectives:

1. To review and describe the use of a dynamic surgical navigation system
2. To understand the advantages of dynamic surgical navigation
3. To be able to complete a "Trace" intraoral registration
4. To be able import a diagnostic CT scan and treatment plan a surgical navigation case in Navident planning software
5. To be able to calibrate any dental instrument
6. To understand the surgical navigation workflow
7. To end the day with excitement, confidence and comfortable to incorporate dynamic surgical navigation in your practice on Monday.

Prerequisites: Previous experience placing dental implants with CT guidance.



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